



PubMed	Nucleotide	Protein	Genome	Structure	PMC	Taxonomy	OMIM	Books
Search Nucleotide		for		Go		Clear		
Limits		Preview/Index		History		Clipboard		Details
Display	default	Show: 20	Send to	File	Get Subsequence			

☐ 1: AF456342. *Taxus baccata* 10-...[gi:18034654][Links](#)

LOCUS AF456342 1352 bp mRNA linear PLN 02-JAN-2002
DEFINITION *Taxus baccata* 10-deacetyl**baccatin III**-10-O-acetyl transferase
(DBAT) mRNA, complete cds.

ACCESSION AF456342
VERSION AF456342.1 GI:18034654

KEYWORDS

SOURCE *Taxus baccata* (English yew)
ORGANISM *Taxus baccata*

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Coniferopsida; Coniferales; Taxaceae; *Taxus*.

REFERENCE 1 (bases 1 to 1352)

AUTHORS Fang, J., Hornbogen, T., Glinski, M., Ewald, D. and Zocher, R.

TITLE Cloning and expression of 10-deacetyl**baccatin III**-10-O-acetyl
transferase Gene from *Taxus baccata*

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 1352)

AUTHORS Fang, J.

TITLE Direct Submission

JOURNAL Submitted (07-DEC-2001) Biochemie und Molekulare Biologie,
Technische Universität Berlin, Franklinstr. 29, Berlin 10587,
Germany

FEATURES Location/Qualifiers

source 1..1352
/organism="Taxus baccata"
/db_xref="taxon:25629"

gene 1..1352
/gene="DBAT"

CDS 1..1323
/gene="DBAT"
/note="acetyl transferase"
/codon_start=1
/product="10-deacetyl**baccatin III**-10-O-acetyl transferase"
/protein_id="AAL57617.1"
/db_xref="GI:18034655"
/translation="MAGSTESVVRSLERVMVAPSQPSPKAFQLSTLDNLPGVRENIF
NTLLVYNASDRVSVDPAKVIQALSKVLVYSPFAGRLRKKENGDLVECTGEGALFV
EAMADTDLSVLGDLDDYSPSLEQLLFCLPPDIEDIHPLVVQVTRFTCGGFVVGVSF
CHGICDGLGAGQFLIAMGEMARGEIKPSSEPIWKRELLKPEDPLYRFQYYHFRILRPP
STFGKIVQGSGLGITSETIKWIKQCLREESKEFCSAFEVVSALAWIARTRALQIPHSEN
VKLIFAMDMRKLFPNPLLKGYGNGFVGTVCAMDNVKDLLSGSLLRVVRIKKAKVSLN
EHFTSTIVTPCSGSDSINYENIVGFGDRRLGFDEVDFGWGHADNVSLVQHGLKDVS
VVQSYFLFIRPPKNNPDGIKILSFMPPLIMKSEKFEMETMTNKYVTKP"

BASE COUNT 383 a 254 c 327 g 388 t

ORIGIN

```
1 atggcagggt cgacagaatc tgtggtgaaga agcttagaga gagtgatggt ggctccaagc
61 cagccatcgc ccaaagcttt cctgcagctc tccacccttg acaatctacc aggggtgaga
121 gaaaacattt ttaacacctt gttagctctc aatgcctcag acagagtttc cgtagatcct
181 gcaaaagtaa ttccggcaggc tctctccaag gtgttggtgt actattcccc ttttcagggg
241 cgtctcagga aaaaagaaaa tggagatcct gaagtggagt gcacagggga ggggtgctctg
301 tttgtggaag ccatggctga cactgacctc tcagtcttag gagatttga tgactacagt
361 ccttcacttg agcaactact tttttgtcct ccgcctgata cagatattga ggacatccat
421 cctctggtgg ttcaggtaac tcgttttaca tgtggagggt ttgttgtggg ggtgagtttc
```

481 tgccatggta tatgtgatgg actaggagca ggccagtttc ttatagccat gggagagatg
541 gcaaggggag agattaagcc ctccctcggag ccaatatgga agagagaatt gctgaagcca
601 gaagaccctt tataccgggt ccagtattat cactttcgat tgattcgccc gccttcgaca
661 ttcgggaaaa tagttcaagg atctcttggt ataacctctg agacaataaa atggatcaaa
721 caatgcctta gggaagaaa gaaagaattt tgctctgcgt tcgaagtgtg atctgcattg
781 gcttgatag caaggacaag ggctcttcaa attccacata gtgagaatgt gaagcttatc
841 tttgcaatgg acatgaggaa attatttaaa ccaccacttt tgaagggata ctacggtaat
901 tttgttggtt ccgtatgtgc aatggataat gtcaaggacc tattaagtgg atctcttttg
961 cgtgttgtaa ggattataaa gaaagcaaag gtctctttaa atgagcattt cacgtcaaca
1021 attgtgacac cctgttctgg atcagatgag agtatcaatt atgaaaacat agttggattt
1081 ggtgatcgaa ggcgattggg atttgatgaa gtagactttg ggtggggaca tgcagataat
1141 gtaagtctcg tgcaacatgg attgaaggat gtttcagtcg tgcaaagtta ttttcttttc
1201 atacgacctc ccaagaataa ccccgatgga atcaagatcc tatcgttcat gccccgtta
1261 ataataaat ccttcaaatt tgaaatggaa accatgacaa acaaatatgt aactaaacct
1321 tgaaattgta gtaacttaag ccttgcatth tc

//

Revised: July 5, 2002.

Disclaimer | Write to the Help Desk
NCBI | NLM | NIH

Jan 7 2003 17:14:06